



Note: Refer to attached Procedure For Use.

1. Details

To: (Name, Address details for Weld Testing Agency)		Person Requesting Test: (Name, Address details)	
		Name of Nominated Examiner:	
File No. / Registration No:	Welder Identification (ARN):	Welding Examination Date:	

2. Evaluation

Please evaluate the quality of welding in the following aircraft welding specimens which have been prepared in accordance with the Civil Aviation Safety Authority's Aircraft Welding Examination requirements. A Visual Examination, Tensile Tests, Bend Tests and/or Metallographic Examination will be required in accordance with AS 2205.2.1, AS 2205.3.1 and AS 2205.5.1 as indicated for each Welding specimen entered below.

Weld Ident No.	Joint No.	Welding Process Type	Parent Metal		Filler Rod or Electrode Type	Flux or Shielding Gas	Welding Position	Remarks and other details such as: pre- or post-heat, current polarity, any variation from specified parent metal form: (eg. thickness or tube diameter) and the Tests required
			Group	Specification				



3. Aircraft Welding Examination Certification (to be completed by person conducting the examination)

The aircraft welding examinations performed in connection with this application have been performed wholly by the applicant and under my supervision in accordance with the requirements of the Civil Aviation Regulations and the specifications in the CASA publication 'Aircraft Welding Examinations'.

Remarks

Signature of Person Conducting the Examination		Date ____ / ____ / _____	
Name:		ARN:	



Note: Prior to completing the Application for an Initial Issue / Variation / Renewal of an Aircraft Welding Authority, you must contact your local office for details of testing requirements and complete the testing, using **Form 353**.

Procedure for Use

On completion of an aircraft welding examination, the person conducting the aircraft welding examination is to complete the Request for Weld Test form 353 as follows:

- In the *To (Name, Address details for Weld Testing Agency)* section, enter the name and address of the particular Weld Testing Agency to which the welding samples are being despatched for assessment.
- In the *Person Requesting Test (Name, Address details)* section, enter the name and address details of the person conducting the aircraft welding examination (for return of assessment results/report).
- In the *File No./Registration No.* section, enter the file number or registration number for the applicant/welding examination, as appropriate.
- In the *Welder Identification (ARN)* section, enter the applicant's Aviation Reference Number (ARN).
- In the *Welding Examination Date* section, enter the date on which the welding examination was conducted.

Complete the columns:

- In the *Welding Ident. No.* column, enter the applicant's ARN.
- In the *Joint No.* column, enter the joint identification number for the particular weld [specified in the Aircraft Welding Examination publication (CAR 29A)].
- In the *Welding Process Type* column, enter the type of manual welding as defined in CAR 29A.
- In the *Parent Metal* column, enter the parent metal group as defined in CAR 29A and the metal specification as appropriate.
- In the *Filler Rod or Electrode Type* column, enter details as applicable; enter 'N/A' if not applicable.
- In the *Flux or Shielding Gas* column, enter details as applicable; enter 'N/A' if not applicable.
- In the *Welding Position* column, enter the welding position code as applicable [specified in the Aircraft Welding Examination publication (CAR 29A)].
- In the *Remarks...* column, enter any remarks or other details relevant to the welding examination, and a description of each of the welding assessment tests required for each of the welding samples as follows:

- | | | |
|--------------|---|--|
| - Joint No 1 | - Sheet to Sheet Butt Weld; | - Visual examination; |
| | Visual examination; | Bend Test (AS 2205.3.1); Tensile Test (AS 2205.2.1); and |
| | Sheet to Sheet Butt Weld; | Metallographic Test (AS 2205.5.1) |
| - Joint No 2 | - Tube to Sheet Fillet Weld | - Visual examination; and |
| | | Metallographic Test (AS 2205.5.1) |
| - Joint No 3 | - Sheet to Sheet Fillet Weld | - Visual examination; and |
| | | Metallographic Test (AS 2205.5.1) |
| - Joint No 4 | - Tube to Tube Fillet Weld | - Visual examination; |
| | | Tensile Test (AS 2205.2.1); and |
| | | Metallographic Test (AS 2205.5.1) |
| - Joint No 5 | - Aircraft Component or Part Typical of Production Weld | - Visual examination; and |
| | | Metallographic Test (AS 2205.5.1) |

Sign and date the form in the spaces provided.